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## **CLAIMS**

1. An electromagnetically driven valve, comprising:

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a driven valve (14) having a valve shaft (12) and carrying out reciprocating motion along a direction in which said valve shaft (12) extends;

a support member (51) having an abutment surface (52a) and provided at a position spaced apart from said driven valve (14);

an oscillating member (20) extending from one end (22) coupled to said valve shaft (12) to the other end (23) supported by said support member (51) so as to allow free oscillation of the oscillating member, and having a root portion (3) formed at said other end (23) and an arm portion (21) formed from said root portion (3) to said one end (22); and

an electromagnet (30, 35) having a surface (31a, 36a) facing said arm portion (21) and applying electromagnetic force to said oscillating member (20); wherein

when said oscillating member (20) is attracted to said electromagnet (30, 35), said abutment surface (52a) abuts on said root portion (3) and a gap is created between said surface (31a) and said arm portion (21).

- 2. The electromagnetically driven valve according to claim 1, wherein said oscillating member (20) is formed such that said arm portion (21) has a thickness smaller than that of said root portion (3).
- 3. The electromagnetically driven valve according to claim 1, wherein said root portion (3) is formed from a material of higher strength than said arm portion (21).